

200400083

THE UNIVERD STRATES OF ANTERIOA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Pioneer Hi-Bred International, Inc.

MACCONS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF ITHIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITIORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR CONDITIONING IT BE PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR SECURITY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84) AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

SOYBEAN

'92M91'

In Testimony Messent, I have hereunto set my hand and caused the seal of the Plant Barrety Aratection Office to be affixed at the City of Washington, D.C. this sixteenth day of August, in the year two thousand and four.

PC MJ Commissioner

Plant Variety Protection Office Agricultural Marketing Service of Agriculture

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collec	ction burden statement on re	everse)					
NAME OF OWNER Pioneer Hi-Bred International, Inc					2. TEMPORARY DESIGNAT EXPERIMENTAL NAME	ION OR	3. VARIETY NAME 92M91
4. ADDRESS (Street and No., or R.F.D. No., 7300 N. W. 62 th Avenue P.O. Box 1004 Johnston, IA 50131	,	6. FAX (include area code) 515-253-2478		200	Harita Harita (Harita Harita Hari		
7. IF THE OWNER NAMED IS NOT A "PERSORGANIZATION (corporation, partnership,	CORPORATE E OF INCOR			NC	1/27/04		
P.Q. 80X 1004	EPRESENTATIVE(S) TO SERVE IN Steve Callistein, Esq 7100 N.W 62 rd Avenue P.O Box 1000 Johnston, IA 50131-1000	THIS APPLIC	CATION. (Fir.	st person listed will	receive all papers)		FILING AND EXAMINATION FEES: \$ 3652 DATE 1/27/04 CERTIFICATION FEE: \$ 432.00
11. TELEPHONE (Include area code) 515-254-2638	12. FAX (Include area code) 515-253-2478			E-MAIL schmidt@pioneer.com			OP KIND (Common Name)
verification that tissue culture wi repository)	ng History of the Variety nctness ion of Variety tion of the Variety (Optional) rasis of the Owner's Ownership e untreated seeds or, for tuber propal ill be depositied and maintained in an \$2,705), made payable to "Treasurer y Protection Office) RVESTED MATERIAL) OR A HYBR	gated varietie approved pu of the United	es, ablic	20. DOES THE OVARIETY BE IT YES, WHICE IT YES, WHICE IT YES, SPEC NUMBER 1, 2, (If additional experience) 23. IS THE VARIE PROPERTY R	SEED? See Section 83(a) of (if "yes", answer items 20 and 21 below) WHER SPECIFY THAT SEED CLIMITED AS TO NUMBER OF CUNDAT ON NUMBER OF GENERATION OF GENERATION OF GENERATION (if yellow) is necessary, please TY OR ANY COMPONENT OF IGHT (PLANT BREEDER'S RICE)	OF THIS CLASSES? ASSES BE S? HON Use the space	X NO (If "no," go to item 22) YES NO REGISTERED CERTIFIED YES NO REGISTERED CERTIFIED TO CERTIFIED TO CERTIFIED TO CERTIFIED TO PROTECTED BY INTELLECTUAL CENT)?
□ _{YES}					IF YES, GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)		
The owners declare that a viable sample of for a tuber propagated variety a tissue cult. The undersigned owner(s) is(are) the owner and is entitled to protection under the provious owner(s) is(are) informed that false representations.	er of this sexually reproduced or tube isions of Section 42 of the Plant Vari	er propagated ety Protection	plant variety n Act.	/, and believe(s) th			
SIGNATURE OF OWNER AME (Please print or type) Daria H. Schmidt	midt			SIGNATURE OF O			
CAPACITY OR TITLE Director, Technology Integration and Associative	DATE e Genetics	004		CAPACITY OR TIT	R TITLE DATE		

INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$2,705 (\$320 filing fee and \$2,385 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 500, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$320 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

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ITEM

Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

- 18a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
 - (2) the details of subsequent stages of selection and multiplication;
 - (3) evidence of uniformity and stability; and
 - (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties;
 - (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 19. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 21. See Section 83 of the Act for the Contents and Term of Plant Variety Protection.
- 22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 23. See Section 5.5 of the Act for instructions on claiming the benefit of an earlier filing date.
- 21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)
- 23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)
- U.S. Patent 4,940,835 issued to Shah et al. as per the Roundup Ready Gene in this variety

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filling a change of address. The fee for filling a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the variety names proposed by contacting: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center-East, Beltsville, MD 20705. Telephone: (301) 504-8089.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, political beliefs, sexual orientation, and marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotage, etc.) should contact the USDA's TARGET Center at 202-720-2600 (voice and TDD). To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or cali (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

ST-470 (04-01) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces ST-470 (02-99) which is obsolete.

Exhibit A. Origin and Breeding History of the Variety

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Soybean Variety 92M91

Variety 92M91 evolved from a cross made in the summer of 1997 in Illinois with the following parentage:

Parentage: 9306/92B74*

*92B74 is a commercial line with the Roundup Ready (40-3-2) gene

Variety 92M91 is an F3-derived line which was advanced to the F3 generation by modified single-seed descent. The F3 progeny row of 92M91 was grown in a plant row in the winter of 1998/1999 in Chile. Subsequently, 92M91 has undergone five years of extensive testing and purification and has been observed by the breeder to be uniform and stable for all plant traits from generation to generation, with no evidence of variants. On the basis of yield, Phytophthora resistance, and resistance to Roundup labeled herbicides, variety 92M91 was assigned a commercial number.

The purification block was grown during the summer of 2001 in Illinois and 18 sublines were harvested. An approximately two (2) acre increase was grown in Chile in the winter of 2001/2002. Seventy-three (73) acres of parent seedstock (foundation seed equivalent) were grown in 2002 and approximately 2368 acres of seedstock and production seed were grown in the summer of 2003.

Exhibit B. Statement of Distinctness

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Soybean Variety 92M91

Variety 92M91 is most similar to variety 92M80. Both varieties have purple flowers, light tawny pubescence, black hila, resistance to *Phytophthora megasperma* as governed by the Rps1k gene and resistance to Roundup branded herbicides. However, 92M91 has alleles 2, 1, 2, and A at the isozyme loci ACO2, ACO4, IDH1 and MDH whereas 92B80 has alleles 1, 3, 1, and B at the isozyme loci ACO2, ACO4, IDH1 and MDH.

Variety	ACO2	ACO3	ACO4	ACP	DIA	ENP	IDH1	IDH2	MDH	MPI	PGM1	PHI1	
92M91	2	1	1	Α	В	Α	2	1	Α	Α	1	1	
92M80	1	1	3	Α	В	Α	1	1	В	Α	1	1	

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved - OMB No. 0581-0055

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data ources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326 W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or cali (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705 EXHIBIT C (Soybean)

NAME OF APPLICANT(S)	SOYBEAN (Glycin	(23) 112011		OR OFFICIAL USE O	NLY
Pioneer Hi-Bred, International				PYPQ NUMBER	
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Cod				004 00	08 53
7200 62nd Avenue				VARIETY NAME	*
P.O Box 1004 Johnston, IA 50131-1004			1-	92M91	
				TEMPORARY OR EXP	ERIMENTAL
				DESIGNATION	 1
PLEASE READ ALL INSTRUCTIONS CAREFULLY: Place	the appropriate numb	er that describes the	e varietal characte	er of this variety in	the boxes below.
Place a zero in the first box (e.g. 9 9 9	or 0 9)	when number is eitl	her 99 or less or 9	or less respectivel	y. Data for
quantitative					
plant characters chould be based on a minimum of 100 plants	. Comparative data sh	ould be determined	from varieties ent	ered in the same t	rial. Royal
Horticulutral Society or any recognized color standard may b					
Please answer all questions for your variety; lack of response	may delay progress of	your application.			
A. MORPHOLOGY					
Seed Shape					
3 1 = Spherical	-	rical - Flattened			
(L/W, L/T, and T/W ratios < 1.2)	(L/W rat	io > 1.2; L/T ra	tio < 1.2)		
3 = Elongated		gate - Flattened			
(L/T ratio . 1.2; T/W ratio < 1.2)	(L/T rati	o > 1.2;T/W rat	no > 1.2)	•	
Seed Coat Color:					
$1 = Yellow \qquad 2 = Green$	3 = Brown	4 = Black	5 = Other		
	5 510111	2211011	(Please Sp	ecifv	
Seed Coat Luster:			(1000000)		•
$1 = D_{\text{BR}} \qquad 2 = Shiny$					
1 = Dull 2 = Shiny		·			
$\boxed{ 1 = Dull } \qquad 2 = Shiny$ Seed Size:					
2 Juniy					
Seed Size:					

7 = Other (Please Specify)

6 = Black

A. MORPHOLOGY (Continued)

2004 00 083

Cotyledon Color:

1

1 = Yellow

2 = Green

Seed Protein Peroxidase Activity:

1 = Low

2 = High

Hypocotyl Color:

4

1 = Green ('Evans' or 'Davis')

2 = Green with Bronze Bands below Cotyledons

('Woodworth' or 'Tracy')

3 = Light Purple below Cotyledons ('Beeson' or 'Pickett 71') 4 = Dark Purple extending to

unifoliolate leaves ('Hodgson', 'Coker', or

Leaflet Shape:

3

1 = Lanceolate

2 = Oval

3 = Oyate

4 = Other (Please Specify)

Flower Color:

2

1 = White

2 = Purple

3 = White with a Purple Throat

Pod Color:

2

1 = Tan

2 = Brown

3 =Black

Pubescence Color:

3

1 = Gray

2 = Brown (Tawny)

3 =Light Tawny

Plant Habit:

3

1 = Determinate

2 = Semi - Determinate

3 =Indeterminate

4 =Intermdeiate

Maturity Group:

05

1 = 000

2 = 00

3 = 0

4 = I

 $5 = \Pi$

6 = III

7 = IV

8 = V

9 = VI

10 = VII

11 = VIII

12 = IX

13 = X

14 = XI

15 = XII

Maturity Subgroup:

9

Please enter a value from 0 - 9

B. DISEASE REACTION

0 = Not Tested

1 = Susceptible

2 = Resistant

3 = Tolerant

Bacterial

0

Bacterial Pustule (Xanthomonas campestri pv. glycines (Nakano) Dye)

1

Bacterial Blight Pseudomonas syringa pv. glycinea (Coerper) Young, Dye, and Wilkie)

0

Wildfire Blight Pseudomonas syringa pv. tabaci (Wolf Foster) Young, Dye, Wilkie)

Page 2 of 6

2 = Resistant B. DISEASE REACTION (Continued) 1 = Susceptibl0 = Not Tested

Funga	ıl -									
1	Brown Spot (S	Septoria glycinesHemmi)								
	Frogeye Leaf S	pot <i>(Cercospora sojina</i>	Hara)							
2	race 1	0 race 2		0 rac	e 3	0 race	: 4			
0	race 5	0 race 6		0 Ot	he (Please Specify)]			
0	Target Spot (Co	orynespora cassiicola (E	BerkCurt.) Wei)							
0	Downey Mildew (Peronospora trifoliorum var. manchuric (Naum.) Syd. ex Gäum)									
0	Powdery Mildew (Microsphaera diffusa Cke. and Pk.)									
2	Brown Stem Rot (Phialophora gregata (Allington Chamberlain) W. Gams.)									
0	O Stem Canker (Diaporthe phaseolorum (Cke. and Ell.) Sacc. var caulivora Athow and Caldwell									
1	Pod and Stem Blight (Diaporthe phaseolorum (Cke. and Ell.) Sacc. var sojae (Lehman) Wehm									
0	Purple Seed Stain	n (Cercospora kikuci	hii (T. Matsu. and	l Tomoyasu) (Gardener)	٠.				
1	Rhizoctonia Root	t Rot <i>(Rhizoctonia sol</i>	ani Kühn)		t [*]					
Phytop	hthora Root Rot (1	Phytophthora megasper	ma Drechs. f. sp	glycinea (Ku	an Erwin))					
0	race 1	0 race 8	0 race 15	0	race 22					
0	race 2	0 race 9	0 race 16	0	race 23					
1	race 3	0 race 10	0 race 17	0	race 24					
2	race 4	0 race 11	0 race 18	1	race 25					
0	race 5	0 race 12	0 race 19	0	race 26					
0	race 6	0 race 13	0 race20		Other (Please Spec	ifs)				
2	race 7	0 race 14	0 race 21							
1	Bud Blight (Toba	acco Ringspot Virus)				. '				
1	Yellow Mosaic (b	ean Yellow Mosaic Vi	-us)							

B. DIS	EASE REACTIONS	(Continued)) = Not Teste	d 1 = Susceptible	2 = Resistant	3 = Tolerant
Funga	1					
1	Cowpea Mosaic (Cow	pea Chlorotic Viru	ıs)			
1	Pod Mottle (Bean Pod	l Mottle Virus)				
1	Seed Mottle (Soybean	Mosaic Virus)				
Nemat	ode					
Soybea	an Cyst Nematode <i>(Hete</i>	erodera glycines Ic	hinohe)		•	
0	race 1	race 4	0 race	9	•	
0	race 2	race 5	0 race	14		
0	race 3	race 6	Othe	er (Please Specify)		
0	Lance Nematode (H	oploaimus columbi	s Sher)			
0	Southern Root Knot N	Nematod <i>(Meloido</i>	gyne incogni	ta (Kofoid and Whit	e) Chitwo	
0	Northern Root Knot N	Nematod (Meloido	gyne hapla (Chitwood)		
0	Peanut Root Knot Ner	matode <i>(Meloidogy</i>	ne arenaria ((Neal) Chitwood)	. •	
0	Reniform Nematode	(Rotylenchus renifo	ormu Linwo	od and Olivera)		
0	Javanese Nematode (Meloidogyne javan	ica (Treub)	Chitwood)		
	Other Nematode (Pla	ease Specify)				
C. PHY	SIOLOGICAL RES	SPONSES 0	= Not Teste	1 = Susceptible	2 = Resistant	3 = Tolerant
0	Iron Chlorosis on Cal					
0	Phosphorus			Other (Please Spec	ify)	
0	Boron	·			·	
0	Aluminu					
0	Salt					
	Dwought					

D. INSECT REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	3 = Tolerant
Fungal				
Mexican Bean Beetle (Epilachna)	varivestis Mulsant)			
O Potato Leaf Hopper (Empoasca fa	bae (Harris))			
Other (Please Specify)				
E. HERBICIDE REACTIONS	0 = Not Tested	1 = Susceptible	2 = Resistant	
0 Metribuzin				
0 Bentazone				
1 Sulfonylurea				
2 Glyphosate				
0 Glufosinate				
0 Pendimethalin				
Other (Please Specify)				
F. TRANSGENIC COMPOSITION	,			
Has the development of the subject variety incl or, the removal of genetic material from the ap	uded the insertion of plication variety?	genetic material fi	om an organism o	other than a soybean,
If yes, please complete the following infomation	ı requests*. Use addi	tional pages if nec	essary.	
1. Please state the vector's name:				
2. Please state the vector components:				
3. Please describe the genetic material successi	ully transferred into	the subject variety	:	
4. Please describe the insertion protocol:				
* A literature citation(s) explaining the four the "Transgenic Composition" portion of this f details of the vector components and insert eler al. Development, Identification, and Character	form. This section is nents are summarized	fully addressed in d in Figure 1 and T	the following pub able 1 on page 14	lication. Specific 53. Padgette, S.R. et
G. BIOCHEMICAL MARKERS				

pages if necessary.

Please describe any biochemical information here, which you believe will be helpful in further describing the subject variety (e.g. Simple Sequences Repeats, Restriction Fragment Length Polymorphisms, Isozymic Characterization). Use additional

H. COMMENTS

Exhibit D. Additional Description of the Variety

Soybean Variety 92M91

In Exhibit C we have identified variety 92M91 as susceptible to bacterial blight, brown spot, pod and stem blight, rhizoctonia root rot, bud blight, yellow mosaic, cowpea mosaic, pod mottle and seed mottle.

This does not mean that variety 92M91 is any worse for these problems than other varieties of similar maturity. Rather, we do not consider 92M91 to be immune to these problems. Therefore, we have chosen to be conservative and have identified the line as "susceptible".

Variety 92M91 is a late Group 2 variety. If Group 2 varieties are divided into tenths, the relative maturity of 92M91 is 2.9.

REPRODUCE LOCALLY. Include form number and edition date on al	-, - 1-,	ORM APPROVED - OMB No. 0581-0055
U.S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE	The following statements are made in 1974 (5 U.S.C. 552a) and the Paper	
EXHIBIT E STATEMENT OF THE BASIS OF OWNERSHIP	Application is required in order to det certificate is to be issued (7 U.S.C. 2-confidential until the certificate is issued	421). The information is held
1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	2. VARIETY NAME
Pioneer Hi-Bred International, Inc	OR EXPERIMENTAL NUMBER	92M91
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (include area code)
7300 N.W. 62 nd Avenue P.O. Box 1004 Johnston, IA 50131-1004	515-254-2638	515-253-2478
	7. PVPO NUMBER 2004 0	0 0 8 3
8. Does the applicant own all rights to the variety? Mark an "X" in the If no, please explain.	appropriate block.	X YES NO
9. Is the applicant (individual or company) a U.S. National or a U.S. b	pased company?	
If no, give name of country		XYES NO
10. Is the applicant the original owner? X YES NO	If no, please answer one of the foll)	owing:
a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. Nationa	al(s)?
YES NO If no, give name of countr		
 b. If the original rights to variety were owned by a company(ies). 	is (are) the original owner(s) a U.S. bas	sed company?
YES NO If no, give name of countr	у	
11. Additional explanation on ownership (If needed, use the reverse to	or extra space):	3
	·	
Please Note:		
Plant variety protection can only be afforded to the owners (not licens	ees) who meet the following criteria:	
 If the rights to the variety are owned by the original breeder, that penational of a country which affords similar protection to nationals of 	erson must be a U.S. national, national of the U.S. for the same genus and specie	of a UPOV member country, or es.
If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a c genus and species.	ed the original breeder(s), the company ountry which affords similar protection to	must be U.S. based, owned by o nationals of the U.S. for the same
3. If the applicant is an owner who is not the original owner, both the o	original owner and the applicant must m	eet one of the above criteria.
The original breeder/owner may be the individual or company who din Act for definitions.	ected the final breeding. See Section 4	1(a)(2) ot the Plant Variety Protection
According to the Paperwork Reduction Act of 1995, no persons are required to respond to a conforthis information collection is 0581-0055. The time required to complete this information coinstructions, searching existing data sources, gathering and maintaining the data needed, and	illection is estimated to average 6 minutes per respon	see including the time for reviewing the
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